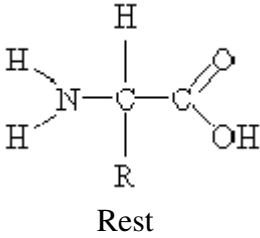
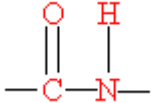
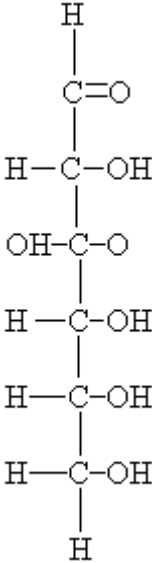
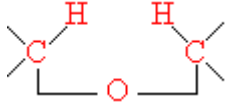
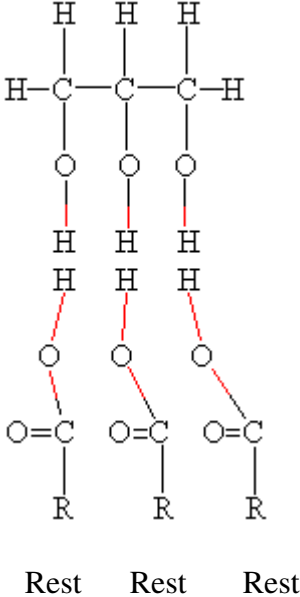
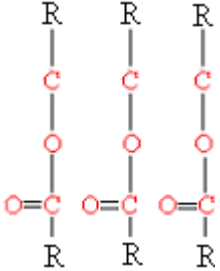


|                             | Bausteine  | Elemente | Grundgerüst   | Funktionen  | Bindung  |
|-----------------------------|--|----------|---|---|--|
| <u><b>Proteine</b></u>      | Aminogruppe<br>$\text{H}_2\text{N}-$<br>Carboxylgruppe<br>$-\text{COOH}$ | C,H,O,N  | <br>Rest                 | Baustoff<br>Enzyme<br>Hormone   | <br>Peptidbindung<br>+<br>$\text{H}_2\text{O}$            |
| <u><b>Kohlenhydrate</b></u> | $\text{C}_x (\text{H}_2\text{O})_y$                                      | C,H,O    | <br>Kettenform          | Reservestoff<br>Energiequelle<br>Stützsubstanz  | <br>Kohlenhydrate<br>Bindung<br>+<br>$\text{H}_2\text{O}$ |
| <u><b>Fette</b></u>         | Glycerin<br>+<br>3 Fettsäure   | C,O,H    | <br>Rest   Rest   Rest | Reservestoff<br>Wärmeisolation<br>Organschütz<br>( Nieren )<br>Speicherstoff<br>Energiequelle | <br>Esterbindung<br>+<br>3 $\text{H}_2\text{O}$         |